

## EG&G ROCKY FLATS

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

June 29, 1993

J. K. Hartman  
Assistant Manager  
Transition and Environmental Restoration  
DOE, RFO

Attn: R. J. Schassburger

HANDLING AND TREATMENT OF ENVIRONMENTAL RESTORATION MANAGEMENT PURGE  
WATER AT THE ROCKY FLATS PLANT - RLB-326-93

Your concurrence is requested on Environmental Restoration Management's (ERM) proposal for handling and treatment of well purge water. Approximately 1500 gallons of purge water is extracted from the ER groundwater sampling program each quarter. About 200 gallons of this water has been characterized as containing hazardous constituents. Presently, all of this water is batched at the Main Decontamination Facility (MDF) and handled as Resource Conservation Recovery Act (RCRA) waste. ERM's proposal would segregate purge water (hazardous from non-hazardous).

Purge water from wells which have been characterized as hazardous, would be accumulated and stored at an existing 90 day storage area located at Operable Unit 2. The purge water will be stored in 55 gallon drums and sampled when full. Based on the sample results, a determination will be made as to which of the following treatment facilities would be most suitable: OU-1 Bldg. 891 treatment facility, OU-2 Field Treatment Unit, or OU-4 Solar Ponds. Purge water from newly developed wells will be handled in the same manner until characterized. ERM anticipates an additional 20-50 gallons of water this summer from new wells.

The remaining quantity of purge water (non-hazardous) will be accumulated in a tank near the MDF and then sampled and dispositioned. At this time, ERM anticipates that this water will be suitable for the Bldg. 374 Evaporator or the Sewage Treatment Plant (STP).

Implementation of this plan segregates water containing hazardous constituents, from "clean" water, and minimizes the quantities of water which require treatment. Additionally, the purge water will be treated at a facility most suitable for the contaminants contained in the water.

DIST.	TE	ENC
BENEDETTI, R.L.	X	
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
ERREHA, D.W.		
FANNI, E.J.		
GARMAN, L.K.		
HEALY, T.J.		
HEDAH, T.		
HILBIG, J.G.		
JRBEY, W.A.		
KESTER, A.W.		
KEE, E.M.		
LANN, H.P.	X	
MARX, G.E.		
MCDONALD, M.M.		
MCKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
MOTTER, G.L.		
NIZZUTO, V.M.		
NILEY, J.H.		
ANDLIN, N.B.		
NEPLER, R.L.		
NEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.	X	
WILLIAMS, S. TORO		
WILSON, J.M.		
ZANE, J.O.		
<i>Pyle, P. W.</i>	X	
<i>Espard, M.C.</i>	X	
<i>Wilson, E.M.</i>	X	
<i>McCarthy, P.L.</i>	X	
<i>Cheney, B.K.</i>	X	
<i>Hubert, P.L.</i>	X	
<i>Warr, S.H.</i>	X	
<i>Harston, L.D.</i>	X	
TORRES CONTROL	x	x
ADMIN RECORD		
TRAFFIC		

CLASSIFICATION:

UNCLASSIFIED  
CONFIDENTIAL  
SECRET

AUTHORIZED CLASSIFIER  
SIGNATURE

~~DOCUMENT CLASSIFICATION~~  
~~REVIEW WAIVER PER~~  
~~CLASSIFICATION OFFICE~~

IN REPLY TO RFP CC NO:

ACTION	ITEM	STATUS
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☐ OPEN ☐ CLOSED

☐ PARTIAL

LTR APPROVALS:

ORIG & TYPIST INITIALS

17341. 10042

**ACKNOWLEDGMENTS**

GROUP	ACT	INFO
11000 ERM		
11010 PIR		
11100 RPM		
11200 ESSE		
11300 SPF		
11400 FORM		
11500 RLD		
11600 SM		
11700 OS		

93-RF-8090

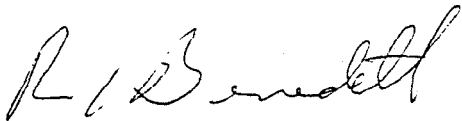
ADMIN RECORD

REVIEWED FOR: INFORMATION  
BY: C. J. GORDON *Don*  
DATE: 8-11-93

J. K. Hartman  
June 29, 1993  
93-RF-8090  
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We request your approval and concurrence from the regulatory agencies on this matter. If you have any questions or concerns, please contact Mark Burmeister at extension 5891.



R. L. Benedetti  
Associate General Manager  
Environmental Restoration Management  
EG&G Rocky Flats, Inc.

MBU:lmw

Orig. and 1 cc - J. K. Hartman

cc:  
F. W. Gerdeman - DOE, RFO  
S. R. Grace - DOE, RFO  
S. P. Singh - DOE, RFO